

ABSTRACT OF THE DISCLOSURE

The invention provides a manufacturing method of an optical transceiver whereby the manufacturing process can be further simplified. A method to manufacture an optical transceiver includes: combining an optical socket and an assembling object to be assembled with the optical socket, where the optical socket includes a fitting hole to mount an optical plug holding an end portion of an optical fiber; mounting an optical head to photograph the assembling object in the fitting hole of the optical socket, and obtaining an image of the assembling object exposed to the fitting hole and reference position information in the photographed image display screen; detecting a difference between the image of the assembling object and the reference position information; reducing the difference by moving the optical socket and the assembling object relative to each other based on the difference; and fixing the assembling object and the optical socket.